

L Number	Hits	Search Text	DB	Time stamp
-	937	evans-c\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:10
-	210	robbins-p\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
-	8	ghivizzani-s\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
-	37	(evans-c\$.in. or robbins-p\$.in. or ghivizzani-s\$.in.) and pittsburgh.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
-	4	(evans-c\$.in. or robbins-p\$.in. or ghivizzani-s\$.in.) and pittsburgh.as. and subchondral	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
-	4	(evans-c\$.in. or robbins-p\$.in. or ghivizzani-s\$.in.) and subchondral	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
-	1893493	inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:52
-	4604481	introduc\$ or contact\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:11
-	37394	galactosidase or lacz	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	11781	transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	11044	insulin adj like adj growth adj factor\$2 or igf-1 or igf1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	1005	subchondral	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	2816	subchondral or epiphysis or cortex near15 bone	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	9424	subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	566499	polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12
-	5910	(514/44).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:12

-	47477	((514/44).CCLS.) or gene adj therapy or "in vivo" near5 "gene delivery" or "in vivo" near5 "gene transfer"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:13
-	27	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same ((subchondral or epiphysis or cortex near15 bone) or cancellous near3 bone)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:20
-	13783	mesenchymal adj stem adj cell or msc	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:22
-	157	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:24
-	352	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:26
-	74	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (galactosidase or lacz)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:26
-	68	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:26
-	53	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:27
-	143	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (galactosidase or lacz)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:27
-	156	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:27
-	116	((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:28

-	49	(((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:29
-	19	(((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:31
-	15	(((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgf-beta\$2)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (mesenchymal adj stem adj cell or msc)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))) and (((514/44).CCLS.) or gene adj therapy or "in vivo" near5 "gene delivery" or "in vivo" near5 "gene transfer")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:32

-	43	(((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (galactosidase or lacz)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (transforming adj growth adj factor adj beta\$2 or tgfbeta\$2 or tgfbeta\$2)) and (((inject\$ or drill\$ or perforat\$ or microfracture or abrasion or abrade) or (introduc\$ or contact\$)) same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene) same (subchondral or chondroprogenitor or mesenchymal adj stem adj cell or chondrocyte)) and (insulin adj like adj growth adj factor\$2 or igf-1 or igf1))) and (((514/44).CCLS.) or gene adj therapy or "in vivo" near5 "gene delivery" or "in vivo" near5 "gene transfer")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:44
-	17	(drill\$ or perforat\$ or microfracture or abrasion or abrade) same (bone or epiphysis or subchondral) and ((514/44).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 09:58
-	27	subchondral same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:03
-	19	epiphysis same (polynucleotide or DNA or vector or adenovir\$ or plasmid or nucleic or cdna or gene)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:06

L Number	Hits	Search Text	DB	Time stamp
-	58364	collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:37
-	63479	transfect\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:20
-	1338	mixed near5 collagen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:36
-	13033	cationic adj lipid or dospa or lipofectin or lipofectace or cellfectin or multifector or transfectin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:38
-	162	(mixed near5 collagen) and (cationic adj lipid or dospa or lipofectin or lipofectace or cellfectin or multifector or transfectin)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:38
-	71	(polynucleotide or DNA or nucleic or vector or gene or cdna) same (mixed near5 collagen)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:50
-	2294	collagen adj matrix	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:50
-	565189	polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:50
-	231	(collagen adj matrix) same (polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:51
-	144	((collagen adj matrix) same (polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid)) and pharmaceutic\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:51
-	7	((collagen adj matrix) same (polynucleotide or DNA or nucleic or vector or gene or cdna or plasmid)) same pharmaceutic\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 10:51
-	18	liposome same "collagen matrix"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:38
-	73179	cytokine or chemokine or monokine or lymphokine or interferon or transforming adj growth adj factor adj beta\$2 or TGF-beta\$2 or tgfbeta\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:39
-	13	(liposome same "collagen matrix") and (cytokine or chemokine or monokine or lymphokine or interferon or transforming adj growth adj factor adj beta\$2 or TGF-beta\$2 or tgfbeta\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/07 11:39

STN Search Terms

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS  
E GHIVIZZANI S/AU

L2            249 S E3 OR E4 OR E5 OR E6 OR E7 OR E8 OR E9  
             E EVANS C/AU  
L3            982 S E3  
             E EVANS C H/AU  
L4            1098 S E3  
             E EVANS CHRIS  
             E EVANS CHRIS/AU  
L5            61 S E3  
             E EVANS CHRISTOPHER/AU  
L6            42 S E3  
             E EVANS CHRISTOPHER H/AU  
L7            198 S E3 OR E4  
L8            2380 S L3 OR L4 OR L5 OR L6 OR L7  
             E ROBBINS P/AU  
L9            969 S E3 OR E7 OR E8  
             E ROBBINS PAUL/AU  
L10           471 S E3 OR E6 OR E7  
L11           1438 S L9 OR L10  
L12           3470 S L2 OR L8 OR L11  
L13           31323 S SUBCHONDRAL OR EPIPHYSIS OR FEMORAL HEAD  
L14           5 S L12 AND L13  
L15           4 DUP REM L14 (1 DUPLICATE REMOVED)  
L16           174400 S GENE DELIVERY OR GENE THERAPY OR GENE  
TRANSFER OR NUCLEIC(3A)  
L17           42 S L13 AND L16  
L18           26 DUP REM L17 (16 DUPLICATES REMOVED)  
L19           2 S L18 AND PY<2000